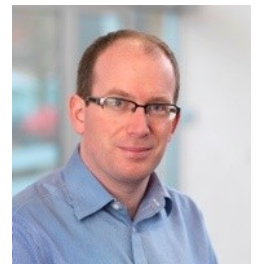


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Satcom-related CV highlights:

- MEng in Electronic Engineering: graduated 2003, **University of York**, UK. I chose mostly communications options for my final two years, include a satcom course.
- 2003-5: Graduate Engineer, **BBC Research & Development**. My formal training at the BBC included the theory and practice of using VSAT links (for outside broadcasts) and my research work included study of digital broadcasting over HF radio.
- 2005-7: Communications Manager, **British Antarctic Survey**. Based at Rothera in Antarctica, this was an operational role involving the use of a wide range of communications technologies, including Iridium, Inmarsat-B and VSAT. It also included the use of VHF and HF radio and provision of communications and IT support to scientific colleagues
- 2007-10: PhD, **University of Leicester**. "*Digital HF communications for autonomous instrumentation in the polar regions*". Sponsored by the British Antarctic Survey. This aimed to demonstrate that digital HF could be used as an alternative to satcom for data collection from remote regions, particularly at the poles. As part of the background research, I collected a considerable body of knowledge on the commercially-available satcom systems used in the environmental science community. At the request of Gwyn Griffiths of NOCS, I then wrote this up as a white paper – the "Satellite communications systems buyers' guide" – which was published on the Oceans2020 website and then widely circulated by David Meldrum amongst others. Subsequently, I produced an updated version that was published in Springer's "Encyclopedia of Remote Sensing".
- 2010-11: Communications operator, **Antarctic Logistics and Expeditions**. Another Antarctic role, this time looking after tourists and scientists at the Union Glacier base camp. Again responsible for use of satcom (Iridium handhelds and OpenPort), terrestrial radio and IT.
- 2011-13: Consultant, **The Technology Partnership plc (TTP)**. TTP is a product development consultancy, and I worked mostly on embedded systems development.
- 2013-14: Senior Researcher, **Sharp Laboratories of Europe Ltd**. This is the UK R&D lab of the Sharp Corporation of Japan. My remote-region experience led me to design the installation of a solar panel system on a remote island in the Seychelles, and to develop a remote monitoring system for it.
- 2014-present: Consultant, **The Technology Partnership plc (TTP)**. I returned to TTP in a similar role to my previous contract, and am involved in a range of projects including some with communications aspects. I do not have any involvement with any satcoms work, so am independent of any of the satcom providers.

Languages: besides being a native speaker of English, I speak reasonable French and basic Spanish and Mandarin.